

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 19 2008

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

- | | |
|---|---|
| 1. Type of Well
GAS | 5. Lease Number
SF-077922 |
| 2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP | 6. If Indian, All. or
Tribe Name |
| 3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700 | 7. Unit Agreement Name |
| 4. Location of Well, Footage, Sec., T, R, M

Unit P (SESE), 990' FSL & 330' FEL, Section 34, T30N, R12W, NMPM | 8. Well Name & Number
Hudson 2 |
| | 9. API Well No.

30-045-08950 |
| | 10. Field and Pool
Basin Fruitland Coal
Fulcher Kutz PC |
| | 11. County and State
San Juan Co., NM |

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection

☒ Other PA

13. Describe Proposed or Completed Operations

Burlington Resources requests to PA the subject *well* per the attached procedure.

Attached: Well Bore Schematic

RCVD AUG 25 '08
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Tracey N. Monroe Tracey N. Monroe Title Staff Regulatory Technician Date 8/18/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date AUG 22 2008

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOSD

ConocoPhillips
Hudson #2 (FRC/PC)
Plug and Abandon

Lat 36° 45 '52" N Long 108° 4' 38" W

Prepared By: Matt Gastgeb

Date: 7/30/2008

Production Engineering Peer review/approved By: Karen Mead

Date: 8/04/2008

Scope of work: Plug and abandon the Fruitland Coal and Pictured Cliff formations.

Est. Cost: `

Est. Rig Days: 4

WELL DATA:

API: 3004508950

Location: 990' FSL & 330' FEL, Unit C, Section 34 – T 30 N – R 12 W

PBTD: 1929' **TD:** 2137'

Perforations: 1728'- 1938' (FC)

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
	15-1/2"	Unknown	-	Unknown	26'
	5-1/2"	Unknown	-	Unknown	1961'
	3-1/2"	7.7#, H-40	-	3.068/2.943	2128'
<u>Tubing:</u>	NONE				

Well History/ Justification: The Hudson #2 is a stand-alone Fruitland Coal well spud in July of 1946. It was a Pictured Cliffs well when drilled. The FRC was added in 1995 and the PC was TA'd with a CIBP. In 2004, a workover was performed to repair the tubing. They lost fish downhole (1-1/2" IJ tubing) and milled it to a new PBTD of 1929' which covers 9' of the bottom 24' of perfs. What tubing they pulled out of the hole was badly corroded. This well has not produced since October of 2007. A fluid level performed on 01/30/08 indicates a fluid level @ 694' in the casing and 0' in the tubing indicating a possible bridge. TOC on the 3-1/2" casing is at 600' according to a CBL run in 1995. A tubing repair and MIT was done in 2008, the MIT was good, and 50' of fill was encountered. After fill was cleaned out and the well was shut in for the night the casing pressure the next morning was 0 psi.

Production Engineering recommends the P&A the Hudson #2 so that we may recomplete the McGrath C #1. The McGrath C #1 is a Dakota well that has been temporarily abandoned for the last 5 years and has had its extension denied by the Bureau of Land Management. Additionally the Hudson #2 has many down hole problems such as: slim hole casing, fill issues, fish, and high fluid levels that make it difficult to produce. PE and RAM propose to P&A the Hudson #2 and complete the McGrath C #1 in the FRC and PC zones and commingle them.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): none

Est. Reservoir Pressure (psig): N/A

Well Failure Date: Oct. 2007

Earthen Pit Required: Steel flowback tank is required.

<u>Production Engineer:</u>	Matt Gastgeb	Office: 326-9812
	Karen Mead	Office: 325-5158, Cell: 505-320-3753

<u>Backup Engineer:</u>	Douglas Montoya	Office: 599-3425, Cell: 505-320-8523
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<u>MSO:</u>	Geoff Davis	Cell: 505-647-0672
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<u>Lead:</u>	Donnie Thompson	Cell: 505-320-2639
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<u>Area Foreman:</u>	Terry Nelson	Cell: 505-320-2503
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PLUG AND ABANDONMENT PROCEDURE

July 25, 2008

Hudson #2

Basin Fruitland Coal / Pictured Cliffs

990' FSL, 330' FEL, Section 34, T30N, R12W, San Juan County, New Mexico

API 30-045-08950/ Lat: 36°45'52" N / Long: 108°4'38" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 Pit or Below-Grade Tank Registration application for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
Tubing: Yes____, No X, Unknown____, Size____, Length____.
Packer: Yes____, No X, Unknown____, Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs interval and Fruitland Coal perforations, 1678' – 1578')**: Round trip 3.5" gauge ring to 1678'. TIH and set 3.5" PW CIBP at 1678'. Load casing with water and circulate well clean. Pressure test casing to 1000#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 7 sxs Class G cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs interval and cover the Fruitland perforations. TOH with tubing.
5. **Plug #2 (Fruitland top, 1485' – 1385')**: Perforate 3 HSC squeeze holes at 1485'. If casing tests, then establish rate into squeeze holes. Set a 3.5" PW CR at 1435'. Establish rate into squeeze holes. Mix and pump 77 sxs cement, squeeze 57 sxs outside 5.5" x 9.5" casing, 13 sxs outside the 5.5" x 9.5" annulus and leave 7 sxs inside casing to cover the Fruitland top. TOH with tubing.
6. **Plug #3 (Kirtland top, 700' – 600')**: Perforate 3 HSC squeeze holes at 700'. If casing tests, then establish rate into squeeze holes. Set a 3.5" PW CR at 650'. Establish rate into squeeze holes. Mix and pump 128 sxs cement, squeeze 108 sxs outside the 5.5" x 12" annulus, 13 sxs outside the 3.5" x 5.5" annulus, and leave 7 sxs inside casing to cover the Kirtland top. TOH with tubing.
7. **Plug #4 (Ojo Alamo top, 560' – 460')**: Perforate 3 HSC squeeze holes at 560'. If casing tests, then establish rate into squeeze holes. Set a 3.5" PW CR at 510'. Establish rate into squeeze holes. Mix and pump 128 sxs cement, squeeze 108 sxs outside the 5.5" x 12" annulus, 13 sxs

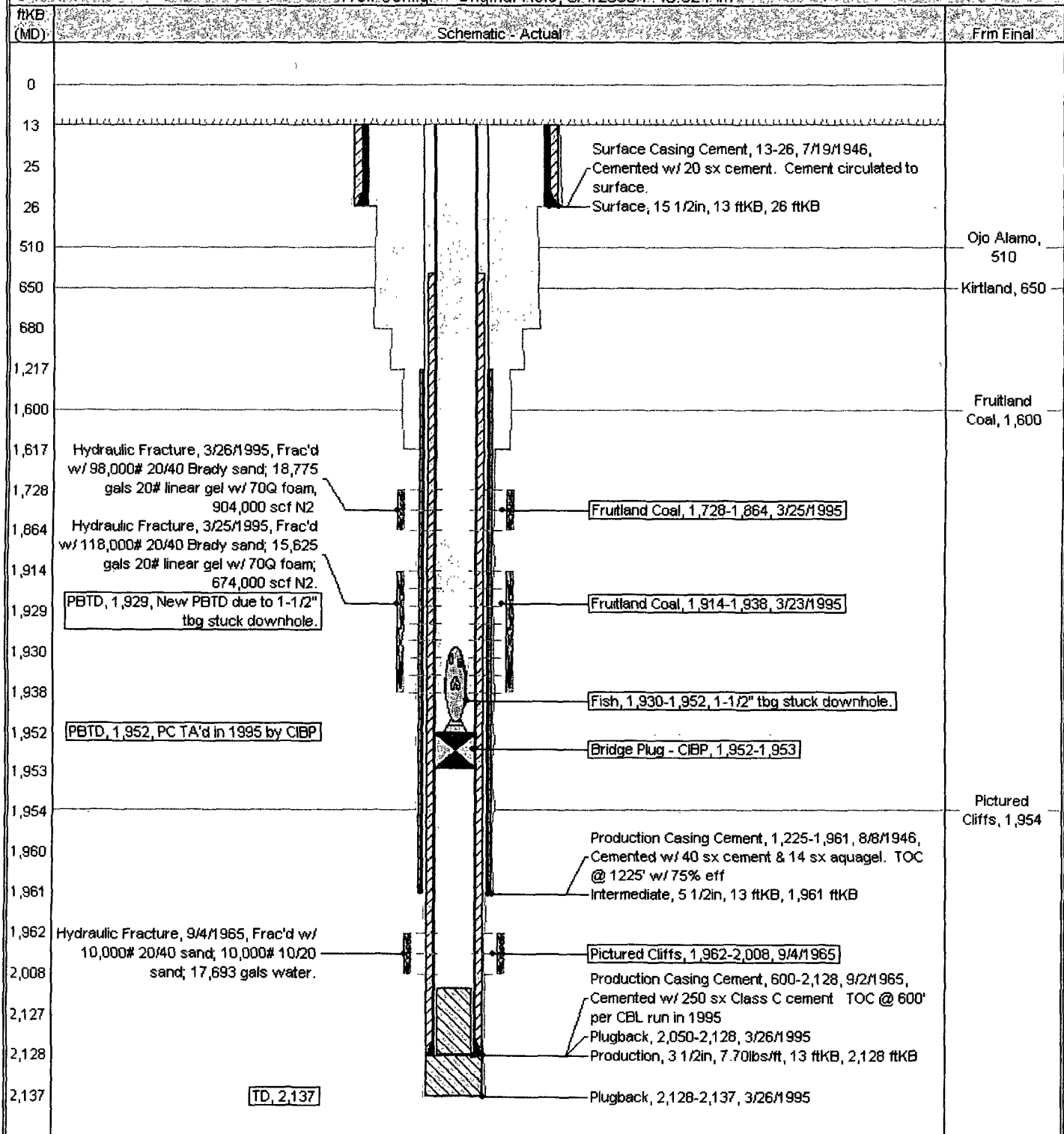
outside the 3.5" x 5.5" annulus, and leave 7 sxs inside casing to cover the Ojo Alamo top. TOH with tubing.

8. **Plug #5 (15.5" Surface casing shoe, 100' - Surface):** Perforate 3 squeeze holes at 100'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 110 sxs cement and pump down the 3.5" casing to circulate good cement out 3.5" and 5.5" casing and annuli. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

ConocoPhillips**Schematic - Current****HUDSON #2**

District NORTH	Field Name BSN (FTLD COAL)	API / UWI #3046 3004508950	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 7/17/1946	Surface Legal Location 990' S 330' E, 34-030N-012W	East/West Distance (ft) 330.00	East/West Reference E	North/South Distance (ft) 990.00	North/South Reference S

Well Config - Original Hole, 8/4/2008 7:43:02 AM



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 2 Hudson

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

Since the Fruitland top is @ 1652', the plug @ 1485' – 1385' is unnecessary.

If the 8 5/8" and 10" casings were not pulled:

- a) Place a plug from 1668' – 1568' inside and outside the 5 1/2" & 8 5/8" casings.
- b) Place a plug from 1267' – 1167' inside and outside the 5 1/2", 8 5/8" & 10" casings.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.